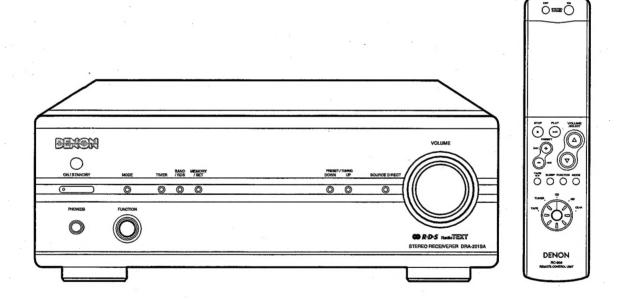
DENON

For Europe model

Hi-Fi AM-FM Stereo Receiver

SERVICE MANUAL MODEL DRA-201SA

AM-FM STEREO RECEIVER



• Some illustrations using in this service manual are slightly different from the actual set.

DENON, Ltd.

16-11, YUSHIMA 3-CHOME, BUNKYOU-KU, TOKYO 113-0034 JAPAN Telephone: 03 (3837) 5321

SAFETY PRECAUTIONS

The following check should be performed for the continued protection of the customer and service technician.

LEAKAGE CURRENT CHECK

Before returning the unit to the customer, make sure you make either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 milliamps, or if the resistance from chassis to either side of the power cord is less than 460 kohms, the unit is defective.

SPECIFICATIONS

POWER AMPLIFIER SECTION

Rated Output Power:

4 Ω/ohms Load

(DIN, 1 kHz, T.H.D. 0.7%)

Output terminals:

4 to 16 Ω/ohms

50W + 50W

• PRE AMPLIFIER SECTION

Rated Output:

(Recout Terminal)

Input Sensitivity/Input Impedance:

PHONO:

CD, TUNER, DVD/AUX, TAPE, MD, AUX-2:

RIAA Deviation:

PHONO:

150 mV

2.5 mV/47 kΩ/ohms

100 mV/16 kΩ/ohms

20 HZ to 20 kHz ±0.5 dB

TUNER SECTION

Reception frequency range: Practical sensitivity:

FM stereo isolation:

FM S/N ratio:

FM harmonic distortion:

Timer functions:

FM: 87.50 MHz~108.00 MHz

FM: 1.2 μV/75 Ω/ohms (12.8 dBf)

40 dB (1 kHz)

Monaural: 77 dB Monaural: 0.3%

Stereo: 71 dB Stereo: 0.4%

PHONO: 80 dB (at 5 mV input) (input terminals shout-circuited)

AM: 522 kHz~1611 kHz

AM: 18 μV

Everyday timer (1 setting)

Once timer (1 setting) Sleep timer (maximam 60 min.)

OVERALL CHARACTERISTICS

SN Ratio (IHF A Network):

(input terminals short-circuited)

CD, TUNER, DVD/AUX,

TAPE, MD, AUX-2: 102 dB (SOURCE DIRECT: ON) 5 Hz to 100 kHz: +0, -3 dB (SOURCE DIRECT: ON)

Frequency Response: **Tone Control Adjustable Range:**

BASS: TREBLE: LOUDNESS: 100 Hz ±8 dB 10 kHz ±8 dB 100 Hz +8 dB 10 kHz +6 dB

OTHERS

Power supply: Power consumption: AC 230 V, 50 Hz 110 W (IEC) 1 W MAX (Standby)

Dimensions: **Net Mass:**

250 (W) × 90 (H) × 371 (D) mm

6.2 kg

REMOTE CONTROL UNIT (RC-906)

Remote control system:

Power supply:

Infrared pulse system

3 V DC, Two size R03 ("AAA")

dry cell batteries

External dimensions:

 $48 (W) \times 210 (H) \times 29 (D) mm$

Mass:

120 g

* Maximum dimensions include controls, jacks, and covers.

(W) = width, (H) = height,

(D) = depth

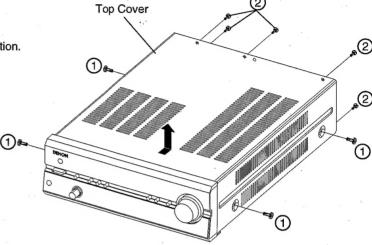
^{*} For improvement purposes, specifications and functions are subject to change without advanced notice.

DISASSEMBLY

(Follow the procedure below in reverse order when reassembling)

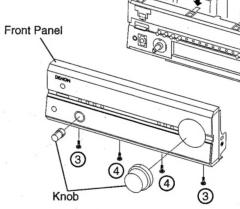
1. Top Cover

- Remove 4 screws ① on both sides.
 Remove 5 screws ② on the Rear Panel.
- 3. Detach the Cover as shown in the arrow direction.



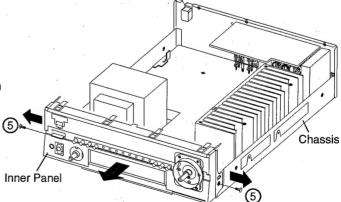
2. Front Panel

- 1. Pull out 2 Knobs.
- 2. Remove each 2 screws 3 and 4 from the bottom edge of the Front Panel.
- 3. To detach the Front Panel, release 4 hooks of the Inner Panel by pressing in the arrow direction.



3. Inner Panel

- 1. Remove 2 screws (5) on both sides.
- 2. Widen both sides of the Inner Panel in the arrow direction to release from the hooks of the Chassis.



Input P.W.B. (1U-3382C-2)

μ-com P.W.B. (1U-3382C-3)

4. μ-com P.W.B. (1U-3382C-3)

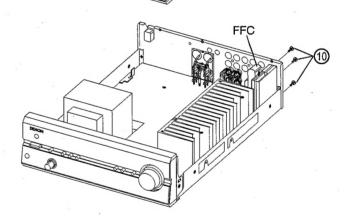
- 1. Remove 2 screws 6 to detach the Power SW Unit.
- 2. Remove the Nut and 5 screws 7.

5. Input PWB (1U-3382C-2)

Remove 3 screws (8) and 1 screw (9).

6. TUNER PACK

- 1. Disconnect the FFC coming out of the Main P.W.B.
- 2. Remove 3 screws 10.

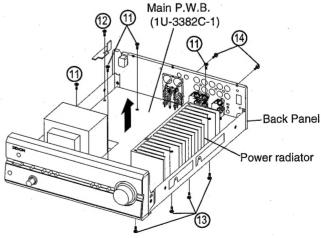


Power SW Unit

Nut

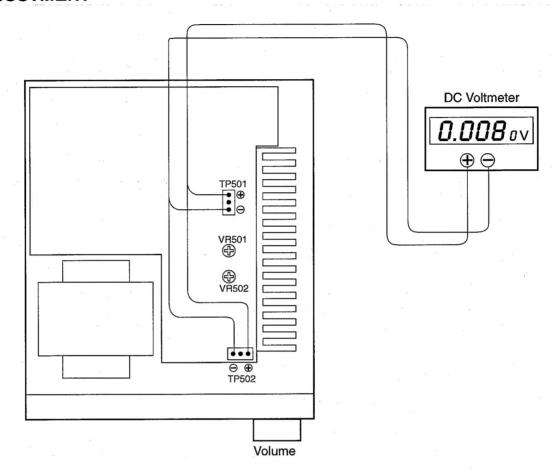
7. Main P.W.B. (1U-3382C-1)

- 1. Remove 4 screws ①, 1 screw ②, 4 screws ③, 2 screws ④.
- 2. The Main P.W.B. and Power radiator can be detached in the arrow direction with the Back Panel.



BLOCK AND LEVEL DIAGRAM 2 3 1 - SPEAKER - O HEAD PHONE 4 8 8 5 0 5 8 (dBV) 65W/4Ω (24dB) A SOURCE DIRECT POWER AMP BUFFER BASS/TREBLE/LOUDNESS В 102dB (CD etc.···) mm -124dB VOLUME & BALANCE INPUT SELECTOR C 80dB MM (at 5mV input) RIAA FM IF/DET/MPX AM RF/IF/DET IC1 LA1837M CD etc....100mV (-20dB) MM 2.5mV (-52dB) D DVD/AUX @— AUX-2 @— TAPE @— MD @— PHONO @ 9 TAPE . G M TUNER PACK IC2 LA72131 REC P.B. K) TR2 LOCAL OSC E AM FF

ADJUSTMENT



IDLING CURRENT

Setup

- 1. Place the unit at an ordinary position avoiding direct air flow from an air-conditioner or fan. Do the adjustment at a temperature between 15 °C (59 °F) and 30 °C (86 °F).
- 2. Set control as follows.

VOLUME control

fully counterclockwise (min.)

SPEAKER terminals

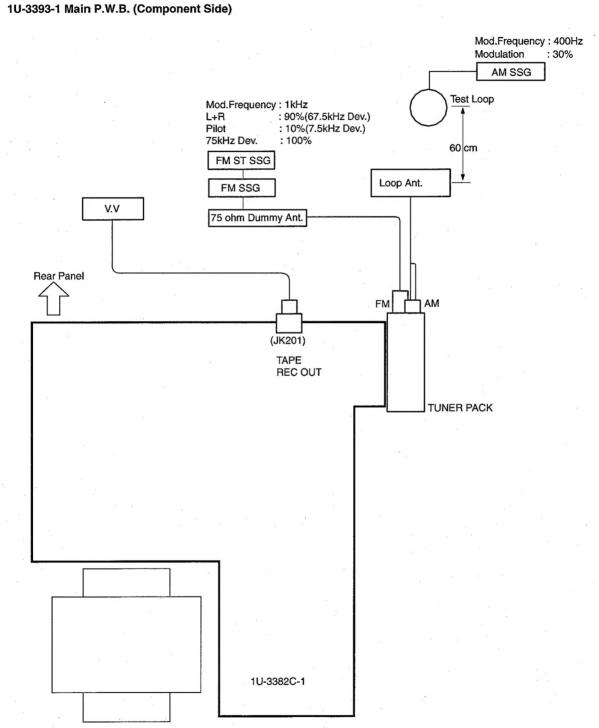
open: do not connect the speakers, dummy load etc.

Adjustment

- 1. Remove top cover. And then connect DC voltmeter to the test points TP501 and TP502 of MAIN P.W.B.
- 2. Connect power cord to AC230V (218 ~ 242V) wall outlet, and turn POWER switch "ON".
- 3. Right after power on, adjust VR501 and VR502 so that the DC voltmeter reads 10 ±1mV.
- 4. Then after 2 minutes warmup adjust VR501 and VR502 so that the DC voltmeter reads 10 ±1mV.
- 5. And after 10 minutes warmup adjust VR501 and VR502 so that the DC voltmeter reads 10 ±0.5mV.

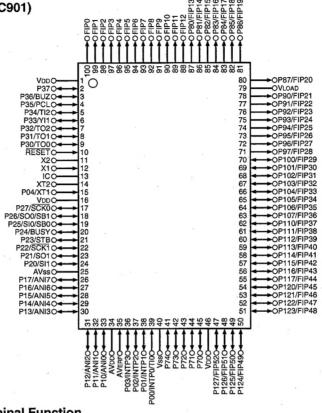
CHECK

Connection Diagram



SEMICONDUCTORS

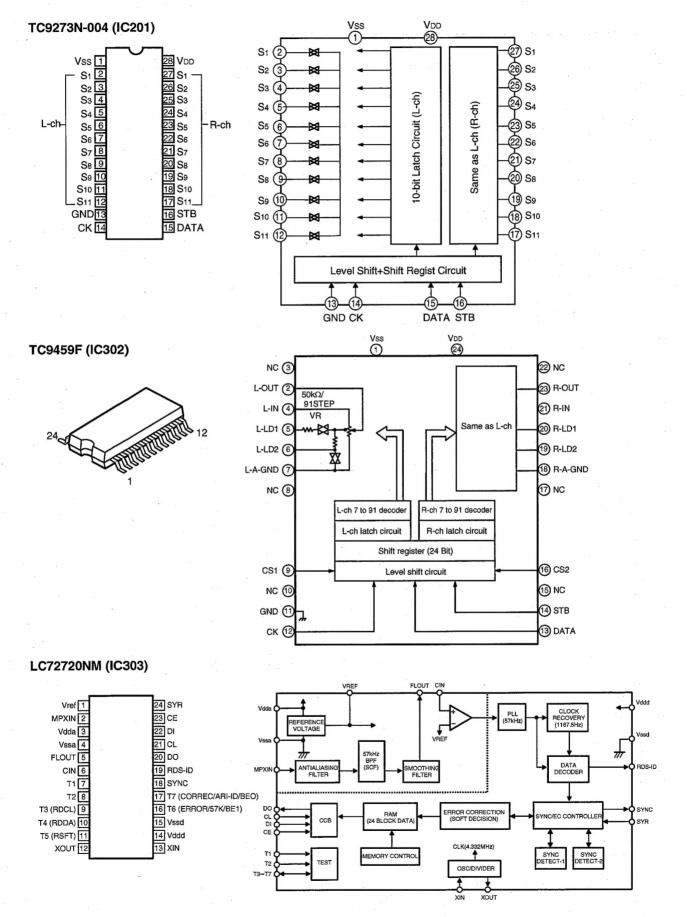
• IC's μPD780208GF-114 (IC901)



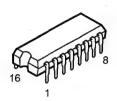
μPD780208GF-114 Terminal Function

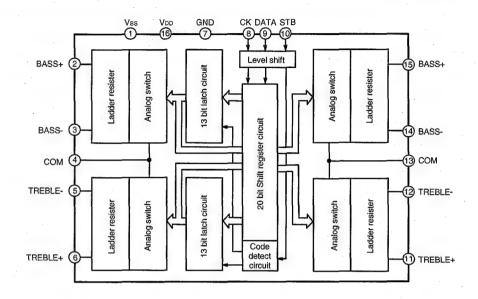
Pin No.	Pin Name	Symbol	1/0	Det	Res	Ext	Act	INIT	МО	Function
1	VDD	+5V	_	_	_		_	_		Positive power, Output relay on/off, H: Output on
2	P37	RL-HP	0	Lv	Z	_	Н	L		Headphone
3	P36/BUZ	LED-G	0	_	Z	_	Н	L		Power on LED drive output
4	P35/PCL	LED-R	0	_	Z	_	Н	L	_	Standby LED drive output
- 5	P34/T12	RL-CD	0		Z	Pd	Н	L	1	CD input select relay output
6	P33/T11	RL-DVD	0	_	Z	Pd	Н	L	1	DVD input select relay output
7	P32/TO2	VOL.UP	.0	_	Z	_	_	L	_	Not used
8	P31/TO1	VOL.DOWN	0	_	Z	_	-	L	_	Not used
9	P30/TO0	RL-SD	0		Z	Pd	Н	L	_	Source direct relay output
10	RESET	RESET	-	_		-	L	_	_	m-com reset input
11	X2	X2	_	_	_	_	_	<u> </u>		X'tal connection for main clock oscillation
12	X1	X1	ı	_	_	_	_	_	_	X'tal connection for main clock oscillation 4.19 MHz
13	IC	IC .	_	_	_	_	_	_	_	Internal connection, Connect to Vss directly
14	XT2	XT2	_	_	_	_	_	_	_	X'tal connection for sub clock oscillation, Not used: NC
15	P04/XT1	P04/XT1	1		·Z	_	_	_	_	X'tal connection for sub clock oscillation, Not used: To Vss or VDD
16	VDD	VDD	_	_	_	_	_	—	_	Positive power
17	P27/SCK0	DB_CLK	0	_	Z	_	_	Н	_	DENON bus clock output
18	P26/SO0/SB1	DB_TXD	0	_	Z	_		Н		DENON bus data output
19	P25/SO0/SB0	DB_RXD	1	Ed	Z		_	_	_	DENON bus data input
20	P24/BUSY	RDSRST	0		Z		L	Н	_	RDS IC reset output
21	P23/STB	DATA_CE	0		Z	_	Н	L	_	Data bus (PLL, VOL, RDS IC comm.) chip enable output
22	P22/SCK1	DATA_CLK	0		Z	_	_	Н	_	Data bus (PLL, VOL, RDS IC comm.) clock output
23	P21/SO1	DATA_TXD	0		Z	_	_	Н	_	Data bus (PLL, VOL, RDS IC comm.) data output
24	P20/SI1	DATA_RXD	ı	Ed	Z	_	_	_	_	Data bus (PLL, VOL, RDS IC comm.) data input
25	AVss	AVSS	_	_	_	_		_	_	GND potential of A/D converter
26	P17/ANI7	RL-PRE	0	_	Z		Н	L	_	Not Used
27	P16/ANI6	F-STB	0	_	Z	-	H	L	_	Function select IC strobe output
28	P15/ANI5	V-STB	0	_	Z	_	Н	L	_	Volume IC strobe output
29	P14/ANI4	T-STB	0	_	Z		Н	L	_	Tone control IC strobe output
30	P13/ANI3	CE-R	0	_	Z	_	Н	L		EEPROM chip enable output
31	P12/ANI2	NC	0		Z	_	_	L	_	Not used

Pin No.	Pin Name	Function Name	1/0	Det	Res	Ext	Act	INIT	МО	Function
32	P11/ANI1	KEY2	1	Α	Z	Pu	_	_	_	Key input 2
33	P10/ANI0	KEY1	1	Α	Z	Pu	_		_	Key input 1
34	AVDD	AVDD			_			-	_	Analog power for A/D converter
35 36	AVREF P03/INTP3	AVREF PROTECT	1			=	-		_	Ref. V input for A/D converter
37	P02/INTP2	DBRXD		Ed	Z		L	=	=	Amp protect input DENON bus data input
38	P01/INTP1	50/60	i	Ed	Z	Pu			_	50/60 Hz AC input
39	P00/INTP0	REMOCON	1	_	Z	_	Н	_	_	Remote control input
40	Vss	VSS			_	_		_		GND
41	P74	RL-SPA	0	_	Z	Pd	Н	L	_	Not Used
42 43	P73 P72	RL-SPB	0	_	Z	Pd	H	L	-	Speaker B relay output, H: Output
43	P71	DATA	0	=	Z	=		L	=	Clock output for function, tone, volume IC Data output for function, tone, volume IC
45	P70	TMUTE	ō	_	Z	Pu	L	L	N	Tuner mute output, L: Mute on
46	VDD	VDD	_			_	_			Positive power
	P127/FIP52	ENC-A		_	Z	_	I	_	_	Rotary encoder input A for volume
	P126/FIP51	ENC-B			Z			-		Rotary encoder input B for volume
	P125/FIP50 P124/FIP49	SEL-A SEL-B	-		Z	_				Rotary encoder input A for select
50 51	P124/FIP49 P123/FIP48	NC	0	=	Z		=	L	_	Rotary encoder input B for select Not used
	P122/FIP47	AM STEREO		Lv	Z		L	_	N	AM stereo demodulation detect input, L: Stereo
	P121/FIP46	SD	1.	Lv	Z	Pu	L		N	FM/AM tune signal input, L: Tuned
	P120/FIP45	ST IND		Lv	Z	Pu	L	_	N	FM stereo demodulation detect input, L: Stereo
	P117/FIP44	USA	1	Lv	Z	_	_		N	Initial setting input
	P116/FIP43	EUR		Lv	Z		_	_	N	Initial setting input
	P115/FIP42 P114/FIP41	FREQ RDS		Lv	Z	=	_	=	N N	Initial setting input Initial setting input
	P113/FIP40	NC	0		Z		=	L		Not used
	P112/FIP39	NC	O		Z	_	_	L		Not used
	P111/FIP38	NC	0	_	Z	_	_	L	_	Not used
	P110/FIP37	NC	0	-	Z	_		L	_	Not used
	P107/FIP36	NC	0	_	Z		_	L		Not used
	P106/FIP35	NC NC	00	_	Z		=	- L		Not used Not used
	P105/FIP34 P104/FIP33	NC	0	=	Z	_	_	L	=	Not used
	P103/FIP32	V.MUTE	0	_	Z	_	Н	L	_	Mute output at volume 00, H: Mute
	P102/FIP31	POWER	0	_	Z	Pd	L	L	N	Amp circuit power on/off output, L: On
	P101/FIP30	AUTO/MONO	0	_	Z	Pd	_	_	N	FM auto/mono switching, H: Mono
	P100/FIP29	SP-OFF	1	_	Z	Pd	L	L		Headphone SW input, H: Speaker, pre-out off
71 72	P97/FIP28 P96/FIP27	NC NC	0	_	Z	_	_	L	_	Not used
	P95/FIP26	SEG1	0		Z	Pd		L —	N	Segment output 2
	P94/FIP25	SEG2	ō	_	Z	Pd			N	Segment output 3
	P93/FIP24	SEG3	0	_	Z	Pd	_	_	N	Segment output 4
76	P92/FIP23	SEG4	0		Z	Pd		_	N	Segment output 5
	P91/FIP22	SEG5	0		Z	Pd			N	Segment output 6
	P90/FIP21	SEG6	0		Z	Pd			N	Segment output 7
	VLOAD P87/FIP20	VLOAD SEG7	0	_	Z	Pd		_	N	FL driver pull-down R connection (–30V power) Segment output 8
	P86/FIP19	SEG8	0	_	Z	Pd		_	N	Segment output 9
82	P85/FIP18	SEG9	0	_	Z	Pd	_	_	N	Segment output 10
83	P84/FIP17	SEG10	0	_	Z	Pd	_	_	N	Segment output 11
	P83/FIP16	SEG11	0		Z	Pd			N	Segment output 12
85	P82/FIP15	SEG12	0		Z	Pd			N	Segment output 13
	P81/FIP14 P80/FIP13	SEG14	0	_	Z	Pd Pd		_	N N	Segment output 14 Seament output 15
	FIP12	SEG14 SEG15	0	_	Z	Pd	_	_	IN	Segment output 15 Segment output 16
	FIP11	SEG16	0		Z	Pd		_		Digit output 12
	FIP10	DIG11	ō	_	Z	Pd	_	_	_	Digit output 11
91	FIP9	DIG10	0	_	Z	Pd			_	Digit output 10
	FIP8	DIG9	0	_	Z	Pd	_			Digit output 9
	FIP7	DIG8	0	_	Z	Pd	_	-		Digit output 8
	FIP6 FIP5	DIG7 DIG6	0		Z	Pd Pd	_			Digit output 7 Digit output 6
	FIP4	DIG5	0		Z	Pd		-=		Digit output 5
	FIP3	DIG3	0	\equiv	Z	Pd	=	_		Digit output 4
98	FIP2	DIG3	Ö	_	Z	Pd	_	_		Digit output 3
99	FIP1	DIG2	0		Z	Pd	_	_	_	Digit output 2
100	FIP0	DIG1	0		Z	Pd]		Digit output 1

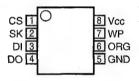


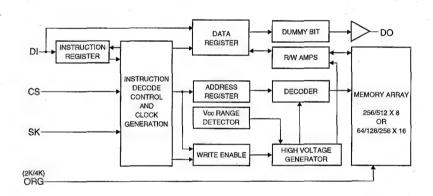
TC9184AP (IC304)



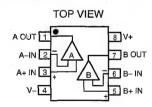


93LC66 (IC905)

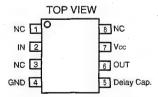




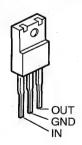
NJM2068MD-T1 (IC301, IC303) NJM2068DDC (IC401)



M51957BFP (IC903)

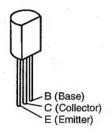


BA05T (IC907) NJM7812FA(S) (IC101)

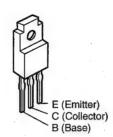


TRANSISTORS

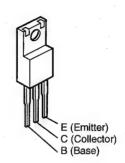
2SA988 (E/F) 2SC1841 (E/F)



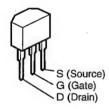
2SA1837 (Y) 2SC4793 (Y)



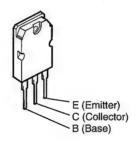
2SC4495 (O/Y)



2SK184C (GR)/(BL)



2SB1383 (P/Y) 2SD2083 (P/Y)



2SB1328



2SC2412K (S) 2SA1037K (S/R)

DTA114EK DTA114YK DTA115TK DTA143TK DTC114YK DTC323TK

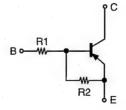
DTA114EK DTA114YK DTA115TK DTA143TK DTC114YK DTC323TK



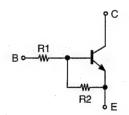
- 1: E (Emitter)
- 2: B (Base) 3: C (Collector)



- 1: E (Emitter) 2: B (Base)
- 3: C (Collector)



	R1	R2
DTA114EK	10 ΚΩ	10 ΚΩ
DTA114YK	10ΚΩ	47 ΚΩ
DTA115TK	100ΚΩ	_
DTA143TK	4.7ΚΩ	



	R1	R2
DTC114YK	10ΚΩ	47 KΩ
DTC323TK	2.2 ΚΩ	

DIODES (including LED)





1SR35-400A

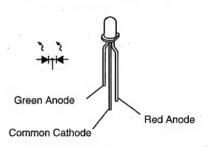


MTZJ2.7A

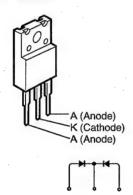
MTZJ3.3A MTZJ5.6A MTZJ6.2A MTZJ7.5C MTZJ18A MTZJ39A



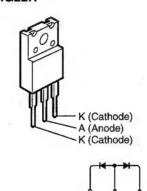
SLR-9335DS-91 (LD901)



FMG22S

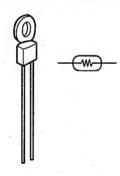


FMG22R



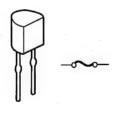
POSISTOR

PTH9M04BC222TS2F333 (TH701)



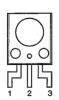
• IC PROTECTOR

ICP-N15 (IC102, 103, 906, 908)

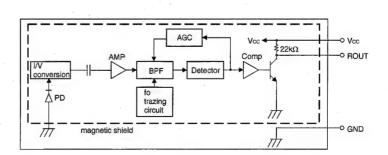


IR SENSOR

RPM6938-V4 (IC902)

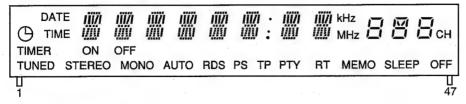


1:Rout 2:GND 3:Vcc



• FL DISPLAY (FL901)

11-BT-187GNK (Part No.:393 8054 002)

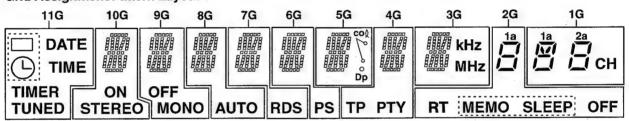


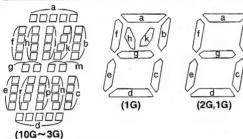
Pin Connection

Pin No.	-1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Connection	F1	F1	NP	NP	1G	2G	3G	4G	5G	6G	7G	8G	9G	10G	11G	NC								
									_				_					_						
Pin No.	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	

NOTE 1) F1, F2 --- Filament 2) NP ----- No Pin 3) NC ---- No Connection 4) 1G~11G - Grid

Grid Assignment/Pattern Layout



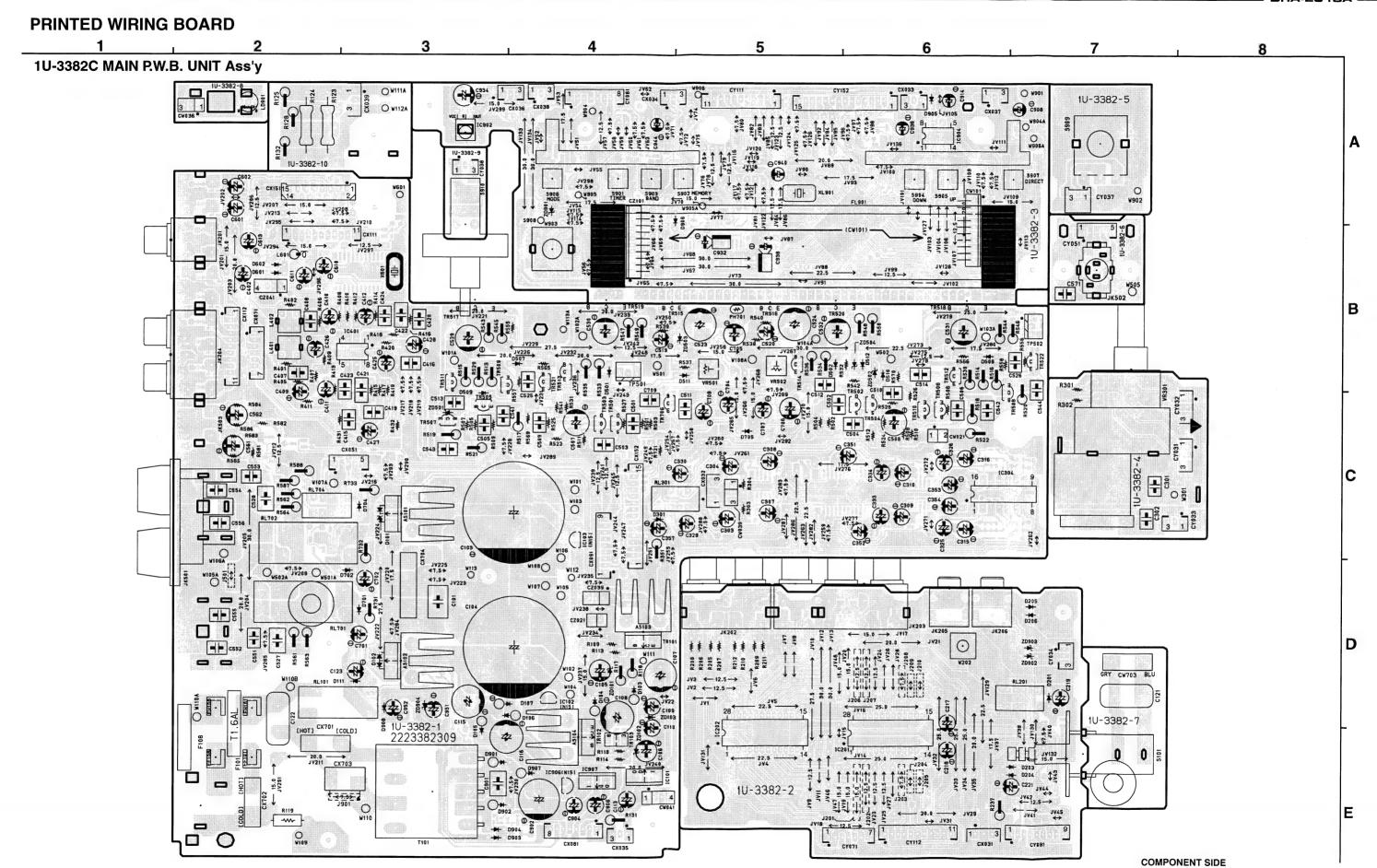


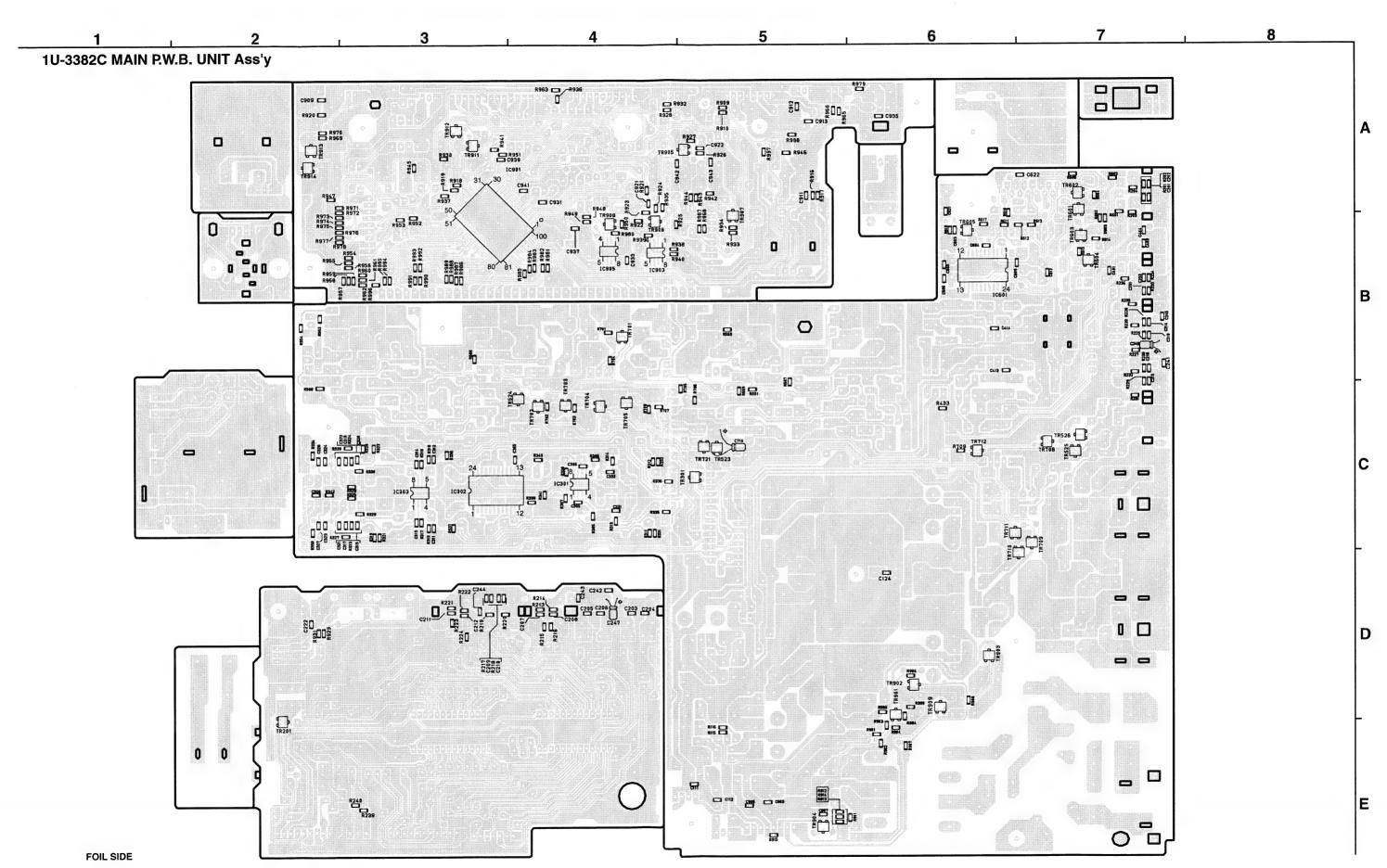
Illumination Color

Reddish Orange ------ Above pattern part
Green ----- Others

Anode Connection

	11G	10G	9G	8G	7G	6G	5G	4G	3G	2G	1G
P1		a	a	а	а	а	a	а	а	1a	1a
P2	DATE	b	b	b	b	b	b	b	b	1b	1b
Р3	(С	С	С	С	С	С	C	С	1c	1c
P4	TIME	d	d	d.	d	d	d	d	d	1d	1d
P5	TIMER	е	е	е	е	е	е	Ф	е	1e	1e
P6	TUNED	f	f	f.	f.	f	f	f	. f	1f	1f
P7	_	g	g	g .	g	g	g	g	g	1g	1g
P8	-	h	h	h	h	. h	h	h	h	RT	1h,1k
P9		j	j	j	j	j	j	j	j	MEMO	2a
P10		k	k	k	k	k	k	k	k	SLEEP	2b
P11	_	m	m	m	m	m	m	m	m	OFF	2c
P12	_	n	n	n	n	n	n -	n	n	-	2d
P13		р	р	р	р	р	р	р	р	_	2e
P14	_	r	r	r	r	r	r	r	r	_	2f
P15	_	ON	OFF	AUTO	RDS	PS	col	TP	kHz	_	2g
P16	_	STEREO	MONO	_	_	-	Dp	PTY	MHz	_	СН



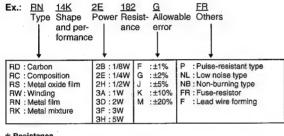


NOTE FOR PARTS LIST

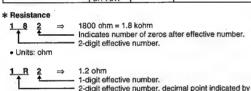
- Part indicated with the mark "⊚" are not always in stock and possibly to take a long period of time for supplying, or in some case supplying of part may be refused.
- When ordering of part, clearly indicate "1" and "I" (i) to avoid mis-supplying.
- Ordering part without stating its part number can not be supplied.
- Part indicated with the mark "★" is not illustrated in the exploded view.
- Not including Carbon Film ±5%, 1/4W Type in the P.W.Board parts list. (Refer to the Schematic Diagram for those parts.) **WARNING:**

Parts marked with this symbol \triangle have critical characteristics. Use ONLY replacement parts recommended by the manufacturer.

Resistors

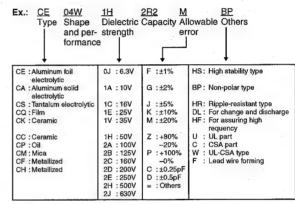


· Units: ohm

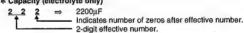


1-digit effective number.
2-digit effective number, decimal point indicated by R.

Capacitors



* Capacity (electrolyte only)



• Units: μF.

2.2μF1-digit effective number. 2-digit effective number, decimal point indicated by R. • Units: μF.

* Capacity (except electrolyte)

2 → 2200pF=0.0022μF
(More than 2)—Indicates number of zeros after effective number.
2-digit effective number.

• Units: pF.

 $\underbrace{ \overset{2}{\underbrace{}} \overset{1}{\underbrace{}} \quad \overset{\Rightarrow}{\underbrace{}} \quad 220 pF}_{\mbox{lndicates number of zeros after effective number.} }$ 2-digit effective number.

• When the dielectric strength is indicated in AC, "AC" is included after the dieelectric

PARTS LIST OF P.W.B. UNIT ASS'Y

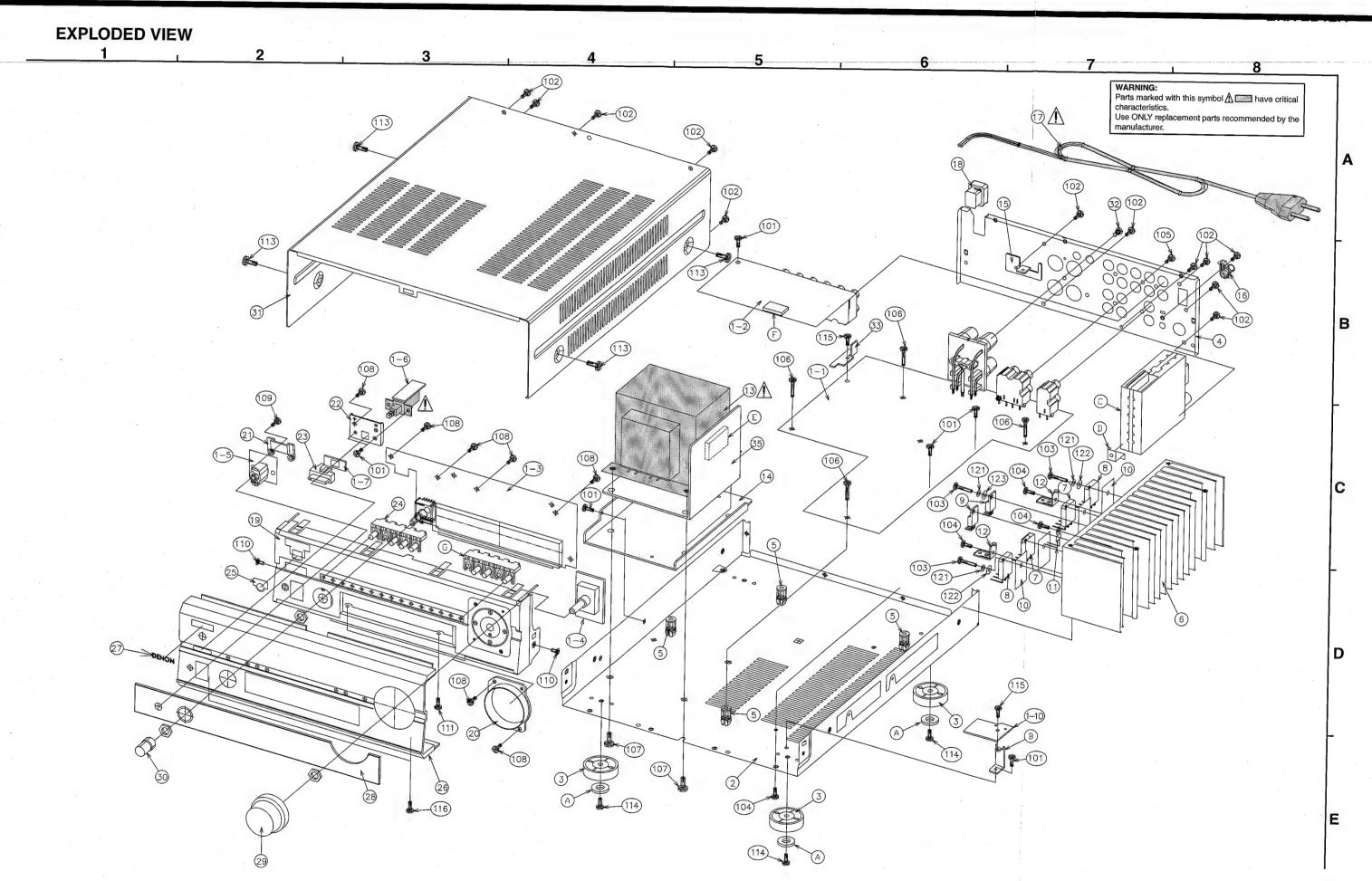
1U-3382C MAIN P.W.B. ASS'Y

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
	DUCTORS	GROUP		TR912	269 0101 906	Transistor DTA114YKT146	
IC101		IC NJM7812FA(S)		TR913	269 0083 901	Transistor DTA114EK	•
IC102,103	268 0073 905	, ,		TR914	269 0054 901	Transistor DTC144EK	
IC201	262 2033 000	IC TC9273N-004		D101	276 0681 000	Diode FMG-22S	
IC301	263 0896 909	IC NJM2068MD-T1		D102	276 0682 009	Diode FMG-22R	
				D103-106	276 0704 903	Diode 1SR35-400A(T93X)	
IC302	262 2540 904	IC TC9459F-EL		D111	276 0432 903	Diode 1SR35-400A(T93X)	
IC303	263 0896 909	IC NJM2068MD-T1					
IC304	262 2616 003	IC TC9184AP		D203-206	276 0432 903	Diode 1SR35-400A(T93X)	
		· ·					
IC401	263 0609 002	IC NJM2068DDC		D301	276 0432 903	Diode 1SR35-400A(T93X)	
IC601	262 2547 907	IC LC72720NM		D501,502		Diode 1SR35-400A(T93X)	
				D507-512	276 0432 903	Diode 1SR35-400A(T93X)	
IC901	262 3076 008	IC UPD780208GF-114-3BA					-
IC902	499 0301 006	IC RPM6938-V4		D601,602	276 0432 903	Diode 1SR35-400A(T93X)	
IC903		IC M51957BFP(TP1)		D700	070 0400 000	Diada 40005 4004/T00V)	
IC905	262 2986 005			D702		Diode 1SR35-400A(T93X)	
IC906	268 0073 905			D704,705	276 0432 903	Diode 1SR35-400A(T93X)	
IC907	263 1092 003			D901,902	276 0704 002	Diode 1SR35-400A(T93X)	
1C908	268 0073 905	IC ICP-N15T		D901,902 D903,904		Diode 1SR35-400A(T93X)	
		T		D903,904		Diode 1SR35-400A(T93X)	
TR101	273 0423 007	Transistor 2SC4793-Y		D907	276 0704 903		
TR102	271 0272 003	Transistor 2SA1837-Y		D908	276 0432 903		
TR103	272 0107 919	Transistor 2SB1328 (P/Q)T105		2300	270 0402 300	Diodo 101100 400/1(100/1)	
TR301	269 0144 905	Transistor DTC114YK-T146		ZD101,102	276 0645 907	Zener diode MTZJ18A T77	
TDE01 F04	075 0055 015	FET 2SK184C (GR)/(BL)		ZD103		Zener diode MTZJ39A T77	
		Transistor 2SC1841-T(E/F)					*
	271 0131 924			ZD501-504	276 0643 925	Zener diode MTZJ2.7A T77	
		Transistor 2SC1841-T(E/F)					
		Transistor 2SC1841-T(E/F)		ZD901	276 0643 996	Zener diode MTZJ5.6A T77	
		Transistor DTC323TK		ZD902,903	276 0637 902	Zener diode MTZJ6.2AT77	
111020,021		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		ZD904	276 0634 905	Zener diode MTZJ3.3A	
TR601.602	269 0066 902	Transistor DTC323TK					
TR603		Transistor DTA114EK		LD901	393 9594 008	LED SLR-9335DS-91	
TR604	269 0082 902	Transistor DTC114EK					
TR605	273 0384 900	Transistor 2SC2412KT96(S)		DECICTO	DE CROUD		
					247 2010 060	Carbon chin 22 kohm 1/16\M	RM73B223JT
TR701-703	273 0384 900	Transistor 2SC2412KT96(S)		R115 R116	247 2010 969 247 2007 943	Carbon chip 22 kohm 1/16W Carbon chip 1 kohm 1/16W	RM73B102JT
TR704	271 0238 908	Transistor 2SA1037KT96(S/R)		R123,124	247 2007 943	Metal oxide 120 ohm 2W(NB)	RS14B3D121JNBF
TR705	273 0384 900	Transistor 2SC2412KT96(S)		R123,124	244 0007 021	MIGICAL CALLE 120 CHILL 244 (ND)	TIO ITOOU IZ IONUF
TR706	271 0131 924	Transistor 2SA988-T(E/F)		R213,214	247 2013 940	Carbon chip 330 kohm 1/16W	RM73R334 IT
TR710,711	269 0091 906	Transistor DTC143TKT96		R215,214	247 2013 940	Carbon chip 220 ohm 1/16W	RM73B221JT
TR721	269 0087 907	Transistor DTA143TKT96		R217,218	247 2003 987	Carbon chip 330 kohm 1/16W	RM73B334JT
				R217,218	247 2013 940	Carbon chip 220 ohm 1/16W	RM73B221JT
TR901-905	273 0384 900	Transistor 2SC2412KT96(S)		R219,220	247 2003 967	Carbon chip 330 kohm 1/16W	RM73B334JT
TR906	271 0238 908	Transistor 2SA1037KT96(S/R)		R223,224	247 2005 987	Carbon chip 220 ohm 1/16W	RM73B221JT
TR907	273 0384 900	Transistor 2SC2412KT96(S)		R225,226	247 2015 964	Carbon chip 2.7 Mohm 1/16W	RM73B275KT
TR908	269 0185 906	Transistor DTA115TKAT146		R227,228	247 2005 987	Carbon chip 220 ohm 1/16W	RM73B221JT
TR909	269 0054 901	Transistor DTC144EK		R229,230	247 2015 964	Carbon chip 2.7 Mohm 1/16W	
	L				1 2010 004	Tanada da para monta n'ion	2,0,1,1

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
R231,232	247 2005 987	Carbon chip 220 ohm 1/16W	RM73B221JT	R909,910	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B0R0KT
R239,240	247 2010 956	Carbon chip 20 kohm 1/16W	RM73B203JT	R911	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B103JT
				R912	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B332JT
R305,306	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B101JT	R913,914	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B103JT
R307,308	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B104JT	R915	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B472JT (1608)
R311,312	247 2009 967	Carbon chip 8.2 kohm 1/16W	RM73B822JT	R916,917	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B101JT
R315-318	247 2013 982	Carbon chip 470 kohm 1/16W	RM73B474JT	R918,919	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B102JT
R319,320	247 2012 909	Carbon chip 82 kohm 1/16W	RM73B823JT	R921,922	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B103JT
R321,322	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B472JT (1608)	R923,924	247 2010 969	Carbon chip 22 kohm 1/16W	RM73B223JT
R323,324	247 2011 926	Carbon chip 39 kohm 1/16W	RM73B393JT	R925	247 2008 926	Carbon chip 2.2 kohm 1/16W	RM73B222JT
R325,326	247 2014 907	Carbon chip 560 kohm 1/16W	RM73B564JT	R926,927	247 2010 969	Carbon chip 22 kohm 1/16W	RM73B223JT
R327,328	247 2009 925	Carbon chip 5.6 kohm 1/16W	RM73B562JT	R928	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B102JT
R329,330	247 2010 985	Carbon chip 27 kohm 1/16W	RM73B273JT	R929	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B101JT
R331,332	247 2007 972	Carbon chip 1.3 kohm 1/16W	RM73B132JT	R930	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B473JT
R333,334	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B102JT	R931	247 2005 987	Carbon chip 220 ohm 1/16W	RM73B221JT
R335-338	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B104JT	R932	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B473JT
R339,340	247 2010 969	Carbon chip 22 kohm 1/16W	RM73B223JT	R933,934	247 2010 969	Carbon chip 22 kohm 1/16W	RM73B223JT
R351	241 2378 988	Carbon film 390 ohm 1/4W(NB)	RD14B2E391JNBST	R935	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B103JT
				R936,937	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B473JT
R513-520	241 2378 962	Carbon film 330 ohm 1/4W(NB)	RD14B2E331JNBST	R938	247 2011 900	Carbon chip 33 kohm 1/16W	RM73B333JT
R521,522	244 2064 932	Metal oxide 3.9 kohm 1W(NB)	RS14B3A392JNBST(S)	R939	247 2010 927	Carbon chip 15 kohm 1/16W	RM73B153JT
R529,530	241 2377 921	Carbon film 82 ohm 1/4W(NB)	RD14B2E820JNBST	R940	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B103JT
R533-536	241 2377 992	Carbon film 160 ohm 1/4W(NB)		R941	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B102JT
R543-550	244 2043 982	Metal oxide 1W(NB)	RS14B3AR22JNBST(S)	R942	247 2005 945	Carbon chip 150 ohm 1/16W	RM73B151JT
R551-554	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B103JT	R943	247 2005 961	Carbon chip 180ohm 1/16W	RM73B181JT
R559,560	247 2011 926	Carbon chip 39 kohm 1/16W	RM73B393JT	R944	247 2006 915	Carbon chip 270ohm 1/16W	RM73B271JT
R561-564	244 2043 937	Metal oxide 10 ohm 1W(NB)	RS14B3A100JNBST(S)	R945	247 2006 944	Carbon chip 390ohm 1/16W	RM73B391JT
R567,568	247 2010 969	Carbon chip 22 kohm 1/16W	RM73B223JT	R946	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B102JT
R587,588	244 2052 931	Metal oxide 390 ohm 1W(NB)	RS14B3A391JNBST(S)	R947	247 2005 945	Carbon chip 150 ohm 1/16W	RM73B151JT
11001,000	2112002001	motal oxido oco oxiii 111(112)	110 1120 100 101120 1(0)	R948-950	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B103JT
R601,602	247 2012 925	Carbon chip 100 kohm 1/16W	BM73B104.IT	R951-962		Carbon chip 47 kohm 1/16W	RM73B473JT
R605,606	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B102JT	R963		Carbon chip 0 ohm 1/16W	RM73B0R0KT
R611,612	247 2011 968	Carbon chip 56 kohm 1/16W	RM73B563JT	R964	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B103JT
R613	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B103JT	R965	247 2005 987	Carbon chip 220 ohm 1/16W	RM73B221JT
R614,615	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B472JT (1608)	R966	247 2006 902	Carbon chip 330 ohm 1/16W	RM73B331JT (1608)
R616	247 2008 913	Carbon chip 2kohm 1/16W	RM73B202JT	R967-970	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B103JT
R617		Carbon chip 10 kohm 1/16W	RM73B103JT	R972,973		Carbon chip 47 kohm 1/16W	RM73B473JT
R618		Carbon chip 1 kohm 1/16W	RM73B102JT	R976,977		Carbon chip 47 kohm 1/16W	RM73B473JT
11010	247 2007 340	Carbon only 1 Rount 17 1011	11117 00 10201	R979	247 2004 920	Carbon chip 47 ohm 1/16W	RM73B470JT
R701	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B101JT	R980	247 2004 920	Carbon chip 47 kohm 1/16W	RM73B473JT
R702	247 2000 956	Carbon chip 20 kohm 1/16W	RM73B203JT	R981-996	247 2011 942	Carbon chip 100 kohm 1/16W	RM73B104JT
R703,704	247 2010 930	Carbon chip 100 kohm 1/16W		R997	247 2012 323	Carbon chip 390ohm 1/16W	RM73B391JT
R705		Carbon chip 1 kohm 1/16W	RM73B102JT	R998	247 2000 344	Carbon chip 680ohm 1/16W	RM73B681JT
R706,707	247 2007 943	Carbon chip 10 kohm 1/16W	RM73B103JT	R999	247 2007 901		
R708	247 2009 963	Carbon chip 1 kohm 1/16W	RM73B102JT	11000	241 2012 323	Calborronip 100 konin 1/1044	111073010401
		Metal oxide 100 ohm 1W(NB)	RS14B3A101JNBST(S)	VPE01 502	211 6075 024	Semi fixed resistor 4.7 kohm	V06PB472 (CERMET)
R732	244 2051 961	, ,		VR501,502	211 6075 024	Serii iixeu resisioi 4.7 konin	VUORB472 (CERIVIET)
R733	241 2378 988	Carbon film 390 ohm 1/4W(NB)	RD14B2E391JNBST				
D004	047.0011.000	Carbon ohin 50 leahon 4/40W	DM70D EE0 IT	CAPACIT	ORS GROU		
R901	247 2011 968	Carbon chip 56 kohm 1/16W	RM73B563JT	C101	256 1042 903	Metalized 0.1uF/250V	CF93A2E104KT
R902	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B103JT	C103,104		Electrolytic 8200uF/63V	CE68W1J822M(DL)
R903-907	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B472JT (1608)	C105,106		Electrolytic 22uF/50V	CE04W1H220MT(ROB)
R908	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B473JT				

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
C109,110	254 4524 985	Electrolytic 10uF/50V	CE04W1H100MT SMG/RE3	C541-544	255 1264 940	Mylar film 2200pF/50V	CQ93M1H222JT(B)
C111,112	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104ZT	C553,554	255 1265 936	Mylar film 0.01uF/50V	CQ93M1H103JT(B)
C113	254 4538 900	Electrolytic 10uF/16V	CE04W1C100MT SMG/RE3	C556	255 1264 940	Mylar film 2200pF/50V	CQ93M1H222JT(B)
C115,116	254 4528 729	Electrolytic 100uF/100V	CE04W2A101MC SMG/RE3				
∆ C122	253 8022 707	Ceramic 0.01 uF/250V(AC)	CK45F2EAC103MC	C601,602	254 4524 998	Electrolytic 22 uF/50V	CE04W1H220MT SMG/RE3
C123	254 4313 921	Electrolytic 22uF/50V	CE04W1H220MT(ASF)	C603	257 0507 976	Ceramic chip 330pF/50V	CC73CH1H331JT
		•		C604	257 0508 933	Ceramic chip 560pF/50V	CC73CH1H561JT
C203-216	257 0505 907	Ceramic chip 56 pF/50V	CC73CH1H560JT	C605,606	257 0504 908	Ceramic chip 22 pF/50V	CC73CH1H220JT
C217,218	254 4313 963	Electrolytic 1uF/50V	CE04W1H010MT(ASF)	C609	257 0511 904	Ceramic chip 0.01uF/50V	CK73F1H103ZT
C221	254 4313 963	Electrolytic 1uF/50V	CE04W1H010MT(ASF)	C610	254 4538 900	Electrolytic 10uF/16V	CE04W1C100MT SMG/RE3
. C222	257 0511 904	Ceramic chip 0.01uF/50V	CK73F1H103ZT	C611	254 4522 903	Electrolytic 4.7 uF/35V	CE04W1V4R7MT SMG/RE3
C241-245	257 0511 904	Ceramic chip 0.01uF/50V	CK73F1H103ZT	C612	257 0511 904	Ceramic chip 0.01uF/50V	CK73F1H103ZT
C246	254 4524 985	Electrolytic 10uF/50V	CE04W1H100MT SMG/RE3	C613	254 4538 900	Electrolytic 10uF/16V	CE04W1C100MT SMG/RE3
C247	254 4305 968	Electrolytic 1 uF/50V	CE04W1H010MT(SRE)	C622	257 0511 904	Ceramic chip 0.01uF/50V	CK73F1H103ZT
C303,304	254 4313 918	Electrolytic 10uF/50V	CE04W1H100MT(ASF)	C702	254 4313 921	Electrolytic 22uF/50V	CE04W1H220MT(ASF)
C305,306	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101JT	C704	254 4524 914	Electrolytic 0.22uF/50V	CE04W1HR22MT SMG/RE3
C307-309	254 4524 985	Electrolytic 10uF/50V	CE04W1H100MT SMG/RE3	C705	254 4541 900	•	CE04W1E100MT SMG/RE3
C310	254 4313 918	Electrolytic 10uF/50V	CE04W1H100MT(ASF)	C706	254 4533 947	Electrolytic 330uF/6.3V	CE04W0J331MT SMG/RE3
C313,314	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101JT	C707	254 4524 943	Electrolytic 1uF/50V	CE04W1H010MT SMG/RE3
C315,316	254 4524 969	Electrolytic 3.3uF/50V	CE04W1H3R3MT SMG/RE3	C708	254 4524 972	Electrolytic 4.7uF/50V	CE04W1H4R7MT SMG/RE3
C317,318	257 0517 924	Ceramic chip 0.056uF/16V	CK73B1C563KT	C709	255 1265 936	Mylar film 0.01uF/50V	CQ93M1H103JT(B)
C321,322	257 0510 963	Ceramic chip 8200pF/50V	CK73B1H822KT	C710	254 4524 956	Electrolytic 2.2uF/50V	CE04W1H2R2MT SMG/RE3
C323,324	257 0510 300	Ceramic chip 1800pF/50V	CK73B1H182KT	0.70	201.021000		
C325,326	254 4524 972	Electrolytic 4.7uF/50V	CE04W1H4R7MT SMG/RE3	C901	254 3056 917	Electrolytic 1 uF/50V	CE04D1H010MBPT (SME)
C327,328	257 0501 914	Ceramic chip 0.012uF/25V	CK73B1H123KT	C902	254 4403 721	Electrolytic 2200uF/25V	CE04W1E222MC (SMG)
C329,330	254 4524 972	· ·	CE04W1H4R7MT SMG/RE3	C903	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104ZT
C331,332	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101JT	C904	254 4541 900		CE04W1E100MT SMG/RE3
C333,334	254 4524 972	Electrolytic 4.7uF/50V	CE04W1H4R7MT SMG/RE3	C905	257 0512 903		CK73F1E104ZT
C351,352	254 4313 918		CE04W1H100MT(ASF)	C906	254 4541 900		CE04W1E100MT SMG/RE3
C353,354	254 4524 972		CE04W1H4R7MT SMG/RE3	C907	257 0511 904		CK73F1H103ZT
C357	254 4313 921	Electrolytic 22uF/50V	CE04W1H220MT(ASF)	C908	254 4299 906	· ·	CE04W1C100MT(SRE)
0001	201 1010 021	Licota cry tio LLar 700 1	02011111120111(1017)	C909	257 0511 904		CK73F1H103ZT
C403,404	257 0506 977	Ceramic chip 120pF/50V	CC73CH1H121JT	C911-913	257 0511 904	·	CK73F1H103ZT
C407,408	255 1273 957	Mylar film 270pF/50V	CQ93M1H271KT(B)	C921,922	257 0509 929	Ceramic chip 1000pF/50V	CK73B1H102KT
C409,410	254 4538 900	'	CE04W1C100MT SMG/RE3	C931	257 0512 903		CK73F1E104ZT
C411,412		Electrolytic 220uF/10V	CE04W1A221MT SMG/RE3	C932	254 4305 984		CE04W1H2R2MT(SRE)
C413,414	257 0506 951		CC73CH1H101JT	C933	257 0511 904		CK73F1H103ZT
C419,420	255 1265 907		CQ93M1H682JT(B)	C934	254 4299 964		CE04W1C470MT(SRE)
C421,422	255 1265 978		CQ93M1H223JT(B)	C935	257 0511 904	,	CK73F1H103ZT
C423,424	255 1264 940		CQ93M1H222JT(B)	C936	254 4299 906	•	CE04W1C100MT(SRE)
C425,426	254 4313 963		CE04W1H010MT(ASF)	C937	257 0511 904		CK73F1H103ZT
C427,428	254 4524 956		CE04W1H2R2MT SMG/RE3	C938	254 4299 906		CE04W1C100MT(SRE)
0421,420	201 1021 000	mylar min decoprises	020171112121111 0111011113	C939	257 0511 904		CK73F1H103ZT
C501-504	255 1273 902	Mylar film 100pF/50V	CQ93M1H101KT(B)	C940	254 4299 906	Electrolytic 10uF/16V	CE04W1C100MT(SRE)
C505,506	255 1264 940	Mylar film 2200pF/50V	CQ93M1H222JT(B)	C941-943	257 0511 904	Ceramic chip 0.01uF/50V	CK73F1H103ZT
C507,508	254 4583 971	Electrolytic 47uF/50V	CE04W1H470MT(ROB)	C944	254 4299 906	Electrolytic 10uF/16V	CE04W1C100MT(SRE)
C509,510	255 4232 924	Mylar film 39pF/100V	CQ93P2A390JT(NH)	C951	254 4524 956	Electrolytic 2.2uF/50V	CE04W1H2R2MT SMG/RE3
C519,520	254 4313 963	Electrolytic 1uF/50V	CE04W1H010MT(ASF)	C952	254 4524 930	Electrolytic 0.47 uF/50V	CE04W1HR47MT SMG/RE3
C523,524	254 4580 712	Electrolytic 100uF/50V	CE04W1H101MC(ROB)				
C525,526	255 1264 908	Mylar film 1000pF/50V	CQ93M1H102JT(B)				
C527,528	256 1058 971		CF93A1H104JT (JL)				
					1		

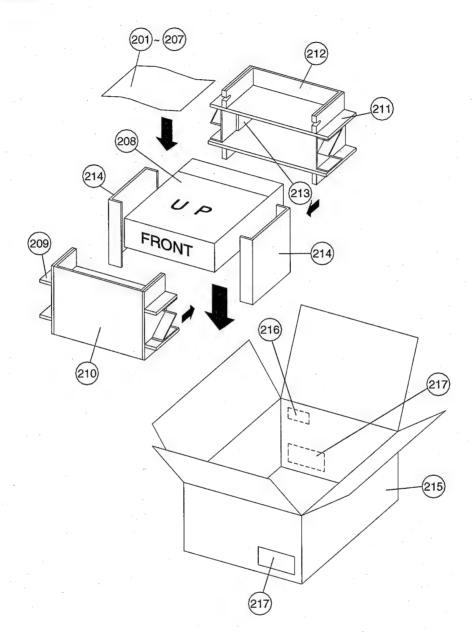
Ref. No.	Part No.	Part Name	Remarks	Q'ty	Ref. No.	Part No.	Part Name	Remarks	Q'ty
	ARTS GROU				JK204	204 8635 008	4P pin jack (C-GND)		1
	417 0476 007			2	JK205,206	204 8637 006	, , , ,		2
AS101,102	417 0476 049			1	JK501	205 0526 008	4P SP terminal (EU)		1
AS104	417 0476 007	· ·			JK502	204 8636 007	Mini jack (ST.SW)		1
AS105-108	471 3304 028			4				ļ	
AS122	415 0299 000	Condenser cover			L401,402	235 9003 002	FTZ choke coil		2
AS902	449 0172 007			1	L601	235 0060 918	inductor 4.7uH		1
AS903,904		FL spacer(D-SIDE)		2					
7,0000,004	401 1110 000	L Spasoi(B Cioc)		-	△RL101	214 0214 000	Relay (SDT-S-109LMR)		1
CW21	203 2318 001	2P SAN-SAN cord		1	RL301	214 0203 008	Relay (NA12W-K)		1
CW36	203 5266 008			1	RL702	214 0195 006	Relay FTR-F1		1
CW39	203 5103 022	3P SAN-SAN connector cord		1	RL704	214 0203 008	Relay (NA12W-K)		1
CW41	203 6573 004	4P SAN-SAN cord R		1					
CW101	204 2896 005	10P DS-DS connector cord			S901-907	212 4813 003	Tact switch		7
OWIO	204 2000 000	Tor Bo Bo conficción cond		'	S908	212 0465 002	Rotary encoder (F)		1
CX31,32	205 0233 032	3 P EH connector base		2	S909	212 0461 006	Rotary encoder (V)		1
CX34		3P connector base (BLK)		1	S910	212 0476 004	1P push switch (non lock)		1
CX35		3P connector base (KR-PH RED)		1					
CX36	205 0406 034	` :			∆ T101	233 6383 004	Power trans. (SUB/E2)		1
CX37	205 0543 036	, ,		1	6.7				
CX38		3P connector base (KR-PH RED)		1	TP501,502	205 0190 036	3P NH connector base		2
CX51		5P connector base (KR-PH)							
CX71		7P connector base (KR-PH)	0	1	W101	203 0689 017	1P SIN-SIN wire		1
CX71	205 0343 074		-	1	W102		1P SIN-SIN wire		1
CX91		9P connector base (KR-PH)			W103		1P SIN-SIN wire		1
CX31	205 0345 090	, , , ,		2	W104		1P SIN-SIN wire		1
CX111,112	205 0373 013	` ′		1	W105		1P SIN-SIN wire		1
CX151	205 0736 076	15P connector base (KR-PH)			W107		1P SIN-SIN wire		1
CX132 CX701,702	205 0606 025			2	W108		1P SIN-SIN wire		1
CX701,702	205 0000 023	3P wrapping terminal		1	W111,112		1P contact ass'y	1.	2
CA704	203 0007 039	or widphing terminal		'	W501	203 0689 059			1
CY34	30E 0333 036	3P connector base (BLK)		1	W502	203 0689 062			1
CY37		3P connector base (YEL)L		1	W905	001 0026 087) ·	1
CY38		3P connector base (RED)		1	W906	203 0525 016			1
		5P connector base (KR-PH)]	1
CY51 CY71		7P connector base (KR-PH)			X601	399 0178 007	Crystal 4.332MHz	ĺ	11
1		, ,			1.00.				
CY81		8P connector base (KR-PH)			XL901	399 0107 900	Ceramic 4.19 MHz		11
CY91		9P connector base (KR-PH)		1	XLOO!	000 0101 000			
CY111,112		11P connector base (KR-PH)		2		001 0036 080	Vinyl wire		11
CY152	205 0375 055	15P connector base (KR-PH)		1	1	001 0172 096			1
A =404	000 4075 007	F 4 00		4		461 0415 007	· ·		3
<u>1</u> √F101	206 1075 027	Fuse (1.6A)					Fuse label (T1.6AL)		
FF101	202 0040 909	Fuse clin		1		313 3001 003	Tuse laber (Tr.onc)		
FFIOT	202 0040 909	1 doe cup		'				-	
FH101	202 0040 909	Fuse clip		1					
FL901	393 8054 002	11-BT-187GNK	. •	1					
JK201	204 8639 004	2P pin jack (C-GND)		1					
JK202		4P pin jack (C-GND)		1					
JK202 JK203	204 8638 021							,	
511200	207 0000 021	o. pirijaak (o arab)							



PARTS LIST OF EXPLODED VIEW

Ref. No.	Part No.	Part Name	Remarks	Q'ty	Ref. No.	Part No.	Part Name	Remarks	Q'ty
1	1U-3382C	Main P.W.B. unit Ass'y		1	*	009 0209 015	15P FFC cable (1.25)	CN151	1
		Main unit			*	204 6362 098	15P KR-KR ribbon 250	CN152	1
1-2		Input unit		ļļ	*	203 5110 057	3P EH-EH shield	CN31	1
1-3		U-CON unit			*	203 4872 037	3P KR-KR ribbon 350	CN34	1
1-4		Encoder unit		1	*	203 4871 038	3P KR-KR ribbon 100	CN37,38	2
4 1-5		Headphone jack unit		1	*	203 8342 055	5P KR-KR ribbon 400	CN51	1
1-6		P. SW. unit			*	204 2543 031	7P KR-KR ribbon 100	CN71	1
1-7		LED unit			*	204 2547 024	8P KR-KR ribbon 325	CN81	1
1-10		Resistor unit			*	204 2549 035	9P KR-KR ribbon 100	CN91	1
2	411 1993 332	Main chassis		1	*		P.V.C tube(L=07)		2
3	104 0324 004	Foot		4	*		Cord holder (L50)		1
- 1	461 1066 002	Felt		4	÷	445 8027 000	Cord clamper		2
. 1	105 1385 029	Back panel		1	· ÷	445 8004 007	Wire clamper		10
	412 3548 005	P.W.B catcher		4	*	412 4845 008	PWB bracket(C)		1
- 1					*		UL tube (4.2) L=30		2
	417 0620 112	Power radiator	TD=40 F00	1	*	415 0382 030	OL lube (4.2) L=30	l.	-
	272 0152 003	2SB1383(P/Y)	TR519,520	2					
- 1	274 0190 003	2SD2083(P/Y)	TR517,518	2	SCREWS	•			
	273 0450 009	2SC4495(O/Y)	TR515,516	2	101	473 7002 005	Screw 3X6 CBTS(S)-Z	3X6 CBTS(S)-Z	6
1	415 0234 007	Insulating sheet		4	102	473 7015 005	Screw 3X6 CBTS(S)-B	3X6 CBTS(S)-B	12
. 11	279 0034 054	PTH9M04BC222TS2F333	TH701	1	103	473 8034 072	Screw 3X16 CBTS(B)Z	3X16 CBTS(B)Z	6
12	412 3225 205	P.W.B bracket(A)		2	104		Screw 3X10 CBTS(B)-Z	3X10 CBTS(B)-Z	9
В	412 4622 001	PCB support(A)		1		477 0064 107	Fixing screw	FIXING SCREW	6
C	216 0114 009	AM FM tuner(E2)		1	105				4
D.	412 4839 001	Earth plate(H/P)		1	106			3X18 CBTS (P)	1
13	233 6405 005	Power trans E2		1	107	473 7004 029	Screw 4X10 CBTS (S)-Z	4X10 CBTS (S)-Z	4
14	412 4828 106	Trans bracket		1	108	473 7500 015	Screw 3X8 CBTS (P)-Z	3X8 CBTS (P)-Z	9
F	461 1067 001	FL spacer		1	109	473 7501 014	Screw 3X14 CBTS (P)-Z	3X14 CBTS (P)-Z	2
15	412 4844 009	PWB bracket(B)		1	110	473 7003 017	Screw 3X8 CFTS (S)-B	3X8 CFTS (S)-B	2
- 1	205 1116 006	Terminal Ass'y		1	111	473 7002 021	Screw 3X8 CBTS (S)-B	3X8 CBTS (S)-B	2
	206 2063 009	AC cord with plug	34.	1	113	477 0263 018	3P. swelling screw	3P.SWELLING SCREW	4
2000	445 0056 008	Cord bush		1	114	473 7002 034	Screw 3X6 CBTS (S)-B	3X6 CBTS (S)-B	4
19	146 2252 217	Inner panel		1	115	473 7002 018	Screw 3X8 CBTS (S)-Z	3X8 CBTS (S)-Z	2
	119 0113 000	Knob esc.		1	116	473 7015 018	Screw 3X8 CBTS (S)-B	3X8 CBTS (S)-B	2
21	103 1751 000	Holder		1	i i				
	412 4911 000	Knob bracket		1					1
				1	+ .				
23	113 1919 001	Power knob Ass'y		1:1	l				l
24	113 1912 037	Knob 5 REN Ass'y			Į.		·		1
1		Knob 5 REN Ass'y	,	1	ĺ				1
25		Remocon filter		1	}				1
	144 2777 217	Front panel		1		'			1
	131 0156 106	DENON badge		1	1				
	143 1129 012	Window	ĺ	1	Į.			ļ	1
29	112 0886 019	Knob(M) Ass'y		1				· ·	
30	112 0884 105	Knob(F) Ass'y		1					1
31	102 0653 009	Top cover		1				Į.	
32	477 0096 007	Push rivet		4					
	412 4845 008	PWB bracket (C)		1			,		-
1		FL spacer(D-SIDE)		1					
- 1		, , ,		1			. *		
1		3 spring washer		6					1
	475 1003 006	, ,		4	~				
	475 1003 000			2					
100 1		**431101		1 4		I		I	1
123		11P KR-KR ribbon 400	CN111	1	İ				1

PACKING VIEW

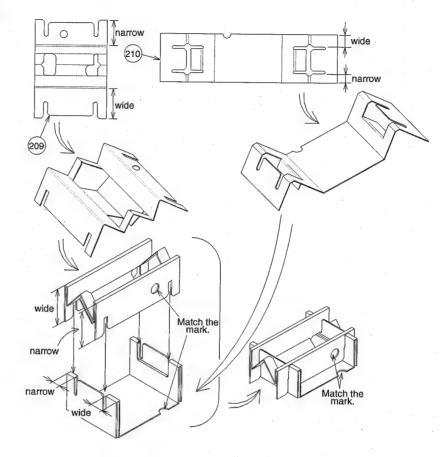


PARTS LIST OF PACKING & ACCESSORIES

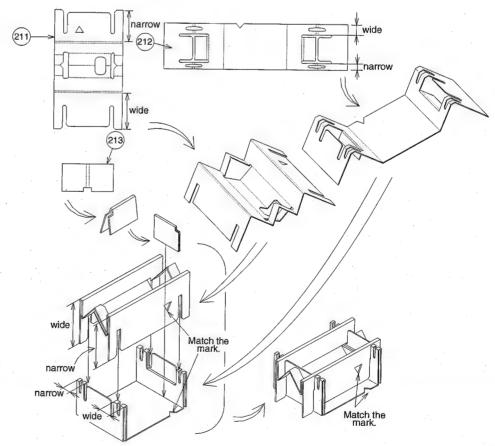
Ref. No.	Part No.	Part Name	Remarks	Q'ty	Ref. No.	Part No.	Part Name	Remarks	Q'ty
201	505 0038 030	Poly cover		1	210	502 0965 007	Cushion(F-B)		1
202	511 3850 003	Inst manual(E2)	V.	1	211	502 0966 006	Cushion(R-A)		1,
203	515 0867 101	S.S.list(EX)		1	212	502 0967 005	Cushion(R-B)		. 1
204	394 0012 003	Battery (UM-4) Ass		1	213	502 0980 008	Cushion pad		1
205	399 0766 008	Remocon (RC-906)		1	214	502 0968 101	Spacer pad		2
206	231 0922 009	Loop antenna		1	215	501 2157 001	Carton case		1
207	395 0026 005	FM ant. wire		1	216	517 1417 051	E2 POS label		1
208	505 0335 005	Cabinet cover		1	217	<u> </u>	Control Card		1
209	502 0964 008	Cushion(F-A)		1					

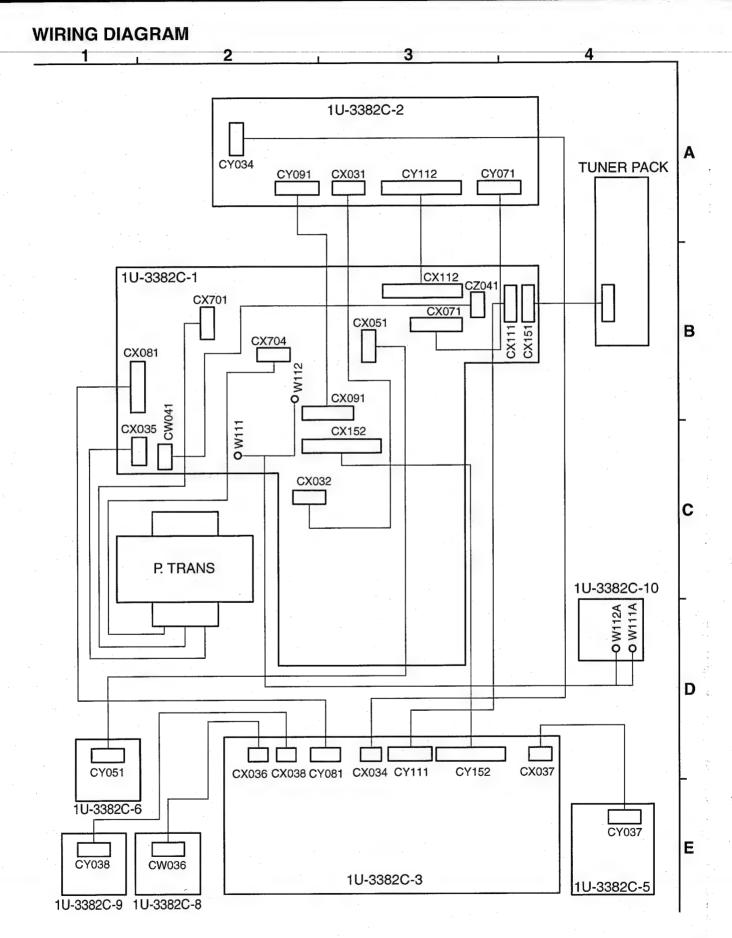
FORMING CUSHIONS

Cushion (F) Ass'y



Cushion (R) Ass'y





1U-3382-2

INPUT UNIT

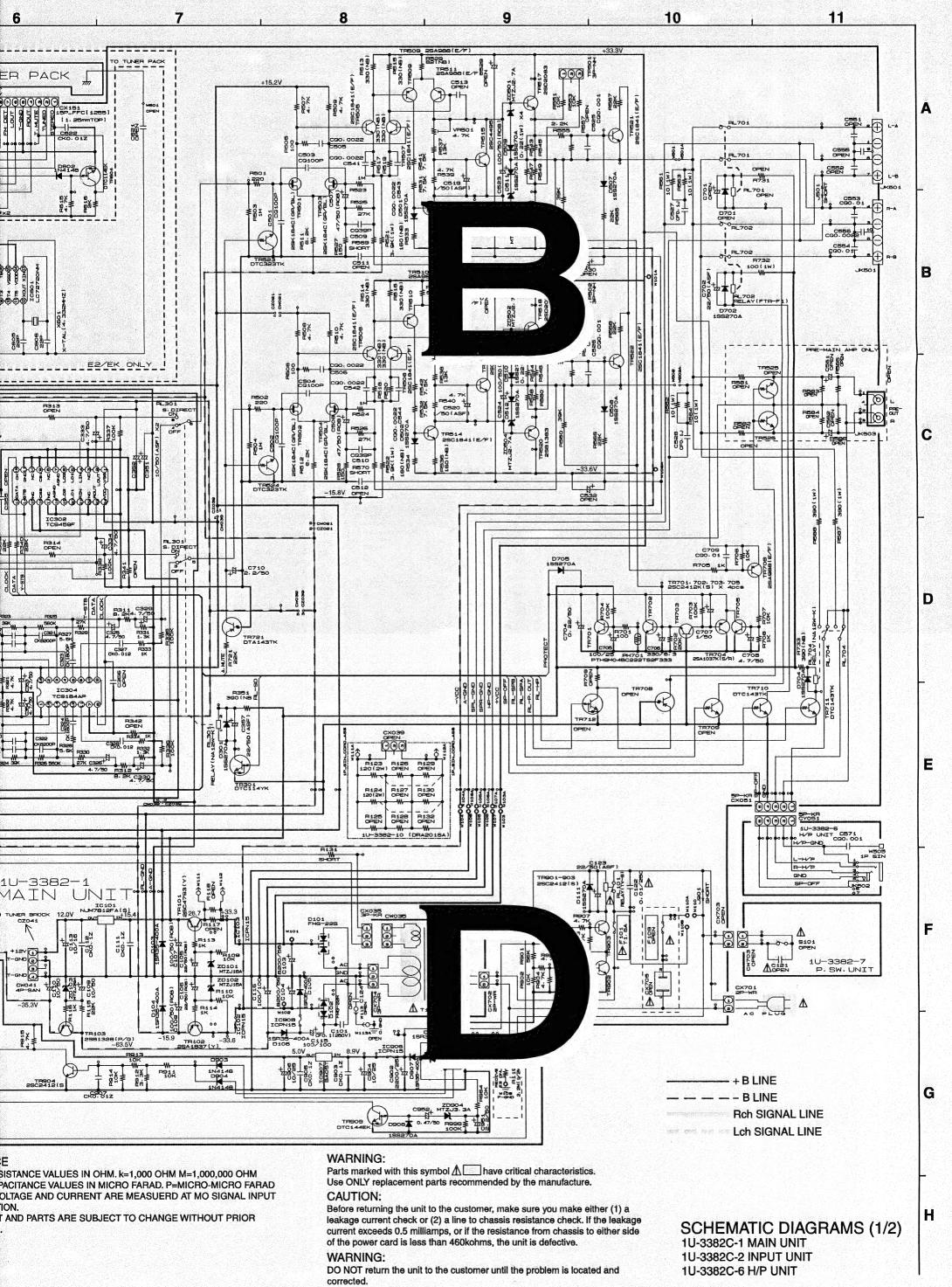
NOTICE
ALL RESISTANCE VALUES IN C
ALL CAPACITANCE VALUES IN
EACH VOLTAGE AND CURREN
CONDITION.
CIRCUIT AND PARTS ARE SUE

NOTICE.

CLOCK

Q -12V

CYOS I

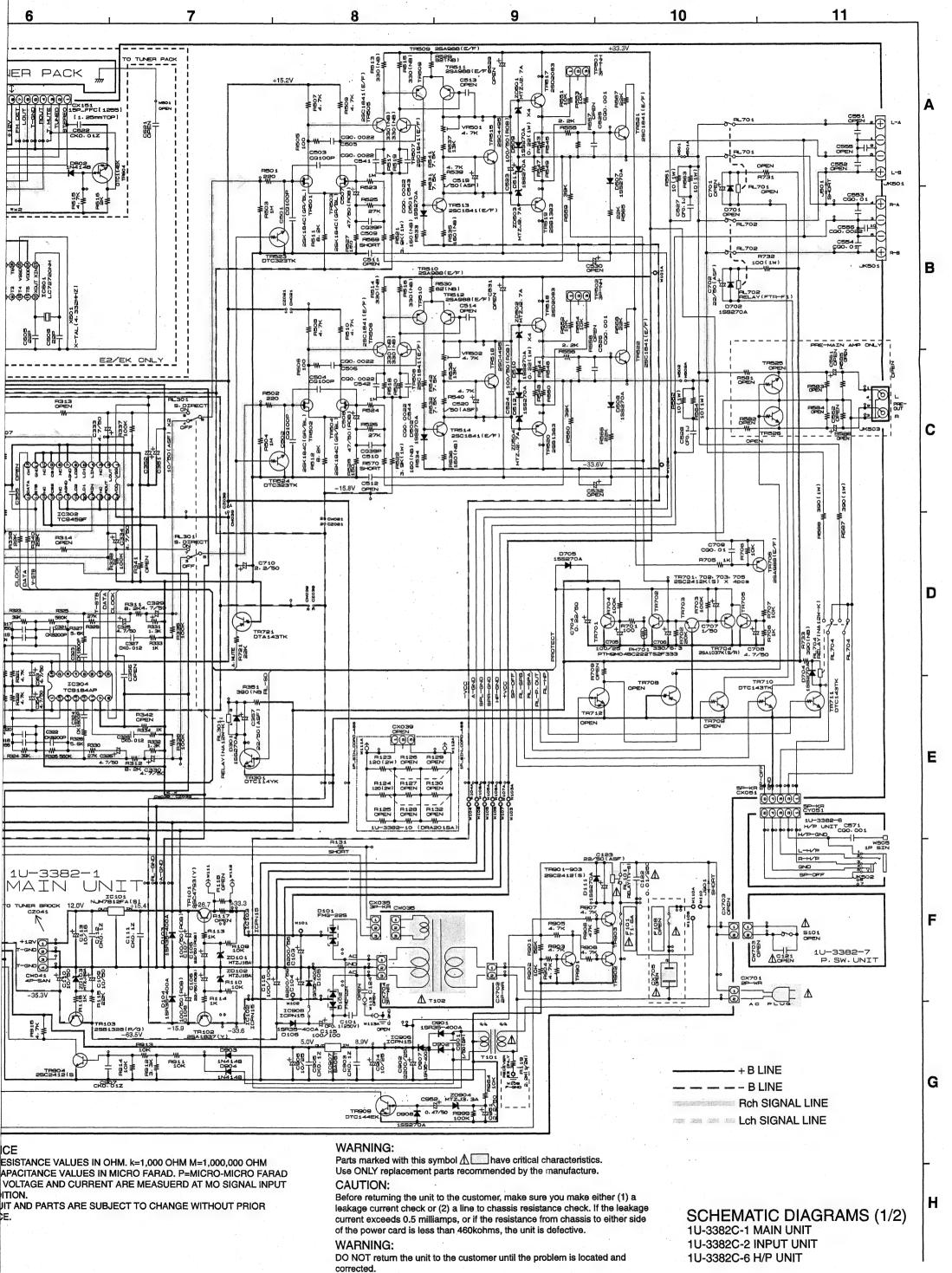


CLK DATA

1U-3382-2 INPUT UNIT

NOTICE
ALL RESISTANCE VALUES IN OHN
ALL CAPACITANCE VALUES IN MIC
EACH VOLTAGE AND CURRENT A
CONDITION.
CIRCUIT AND PARTS ARE SUBJEC
NOTICE.

CLOCK F-STB +12V -12V



47

C935

47/16 CKO-01Z

C934

IC902 RPM6938-V4 F910

-W_{CHIP.}

DTC124EK

DTA114EK

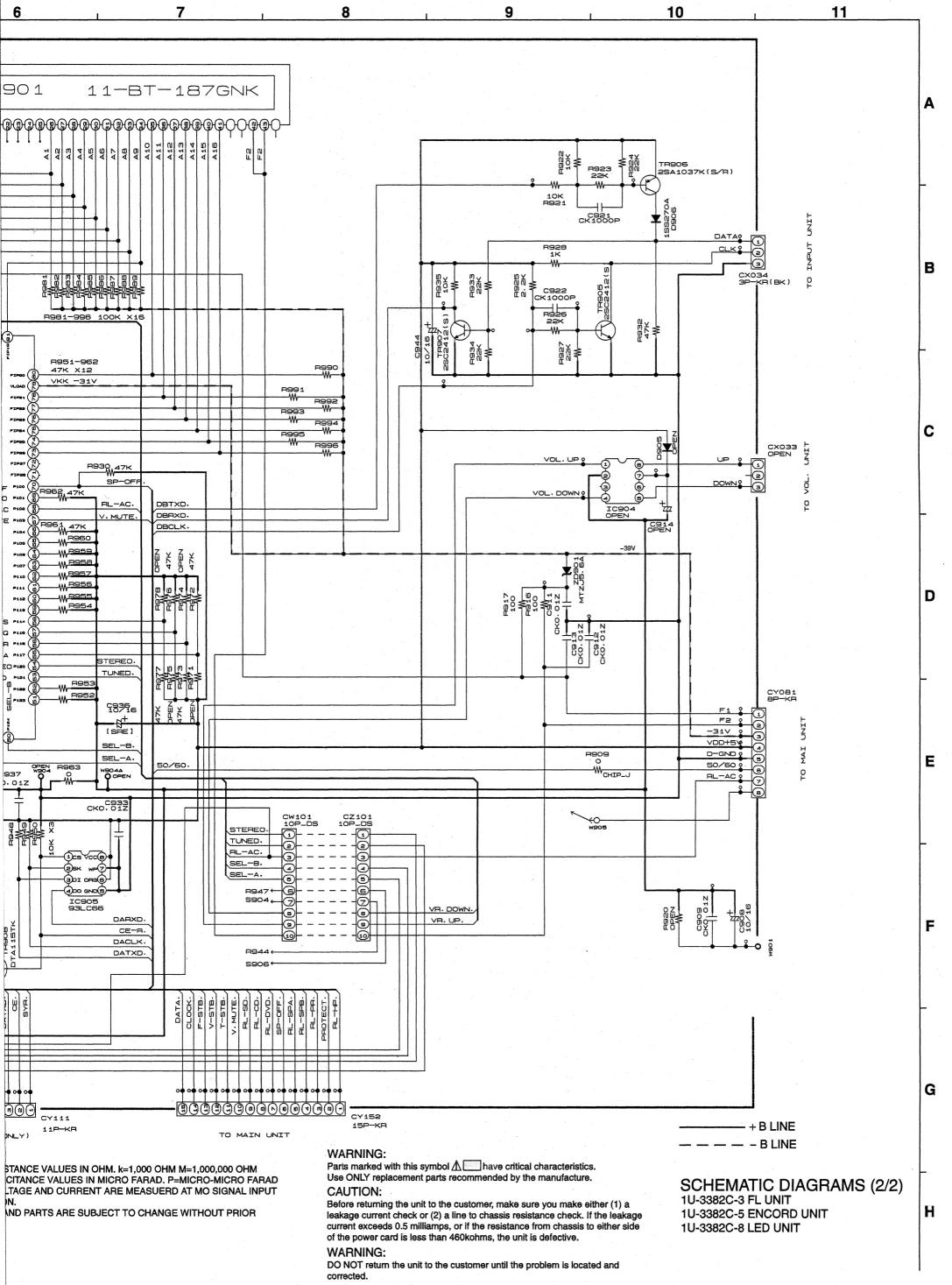
NOTICE

TO MAIN UNIT (RECIEVER MODEL ONLY)

DATXD

ALL RESISTANCE VALUES IN OHM.
ALL CAPACITANCE VALUES IN MICE
EACH VOLTAGE AND CURRENT AR
CONDITION.
CIRCUIT AND PARTS ARE SUBJECT
NOTICE.

CY111



1967 W

> 7958 W

C934 C935 47/16 CKO 012

IC902 RPM6938-V4

RECIEVER MODEL

10K ×4

TA913 DTA114EK

P910

-WCHIP-J

TR914 DTC124EK

TO MAIN UNIT (RECIEVER MODEL ONLY)

NOTICE ALL RESISTANCE VALUES IN OHM

DACLK.
DATXD.
CE.
SYR.

ALL CAPACITANCE VALUES IN MICEACH VOLTAGE AND CURRENT AIR CONDITION.
CIRCUIT AND PARTS ARE SUBJECT NOTICE.

400 GND(3)

IC905 93LC66

